

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :  
Takaaki Sasaki : Group Art Unit: Unknown  
Divisional of Serial No.: 09/981,891 : Examiner: Unknown  
Filed: October 23, 2003 :  
For: SEMICONDUCTOR DEVICE, SEMICONDUCTOR PACKAGE FOR USE  
THEREIN, AND MANUFACTURING METHOD THEREOF

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Date: October 23, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

<u>U.S. Serial Number</u>	<u>U.S. Filing Date</u>
09/981,891	October 19, 2001
09/689,824	October 13, 2000
09/062,720	April 20, 1998

III. FEES

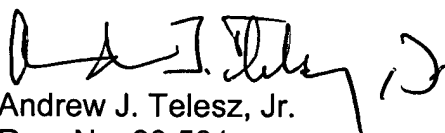
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-0238.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-0238 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Enclosure: Two (2) PTO-1449 sheets

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

PNET.011D3

Application Number

NEW

Applicant(s)

Takaaki Sasaki

Filing Date

October 23, 2003

Group Art Unit

Unknown

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	4,664,578	05/12/87	Kakehi			
	B	4,735,548	04/05/88	Kimata et al.			
	C	4,770,590	09/13/88	Hugues et al.			
	D	4,871,290	10/03/89	Kaczynski et al.			
	E	5,135,349	08/04/92	Lorenz et al.			
	F	5,584,647	12/17/96	Uehara et al.			
	G	5,447,409	09/05/95	Grunes et al.			
	H	5,372,471	12/13/94	Wu			
	I	5,288,199	02/22/94	Enomoto			
	J	5,011,366	04/30/91	Miller			
	K	4,030,309	06/21/77	Mason			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	L	2,138,775	10/31/84	Great Britain				
	M	64-45827	02/26/88	Japan				
	N	10-92972	04/98	Japan				
	O	58-178,529	10/19/83	Japan				
	P	8-306,817	11/22/96	Japan				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Q	IBM Technical Disclosure Bulletin, Vol. 24, No. 6, dated 11/81, pp.3017-3018, entitled "Vacuum Wafer Pick-Up Tip," by J.G. Ferrentino and L.H. Rosenfeld.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>PNET.011D3</b>	Application Number <b>NEW</b>
	Applicant(s) <b>Takaaki Sasaki</b>	
	Filing Date <b>October 23, 2003</b>	Group Art Unit <b>Unknown</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	R	5,311,057	05/94	McShane			
	S	5,468,999	11/95	Lin et al.			
	T	5,739,585	04/98	Akram et al.			
	U	4,811,879	09/98	Akram			
	V	6,342,726	01/29/02	Miyazaki et al.			
	W	6,175,159	01/16/01	Sasaki			
	X	6,252,298	06/26/01	Lee et al.			
	Y	6,433,440	08/13/02	Ogino et al.			
	Z	6,452,279	09/17/02	Shimoda et al.			
	A1	6,348,741	02/19/02	Ogino et al.			

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.